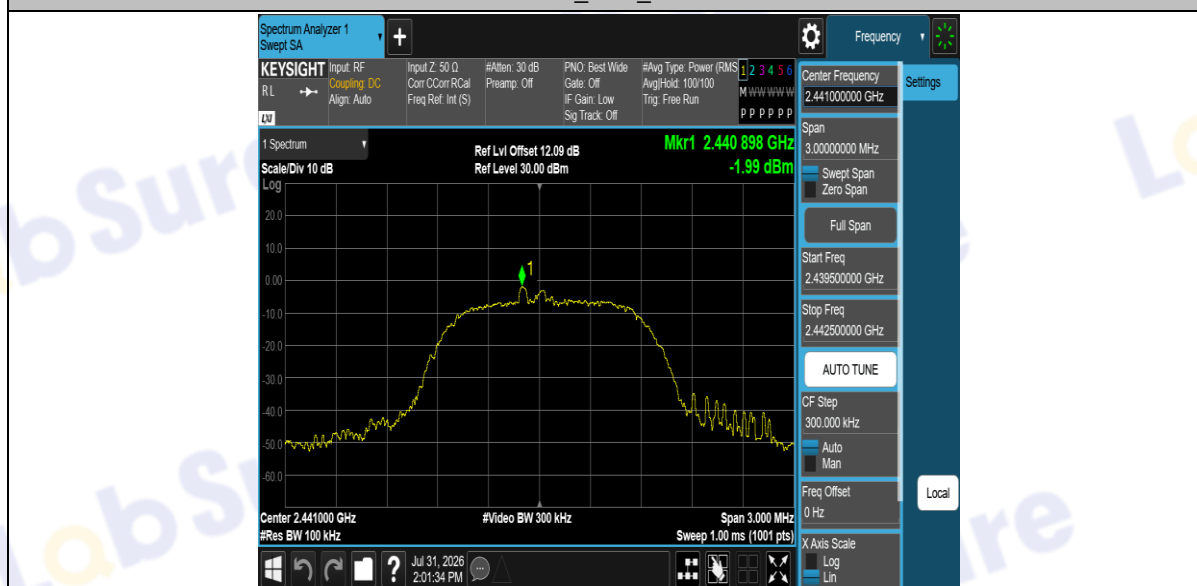




2DH5_Ant1_2402



2DH5_Ant1_2441





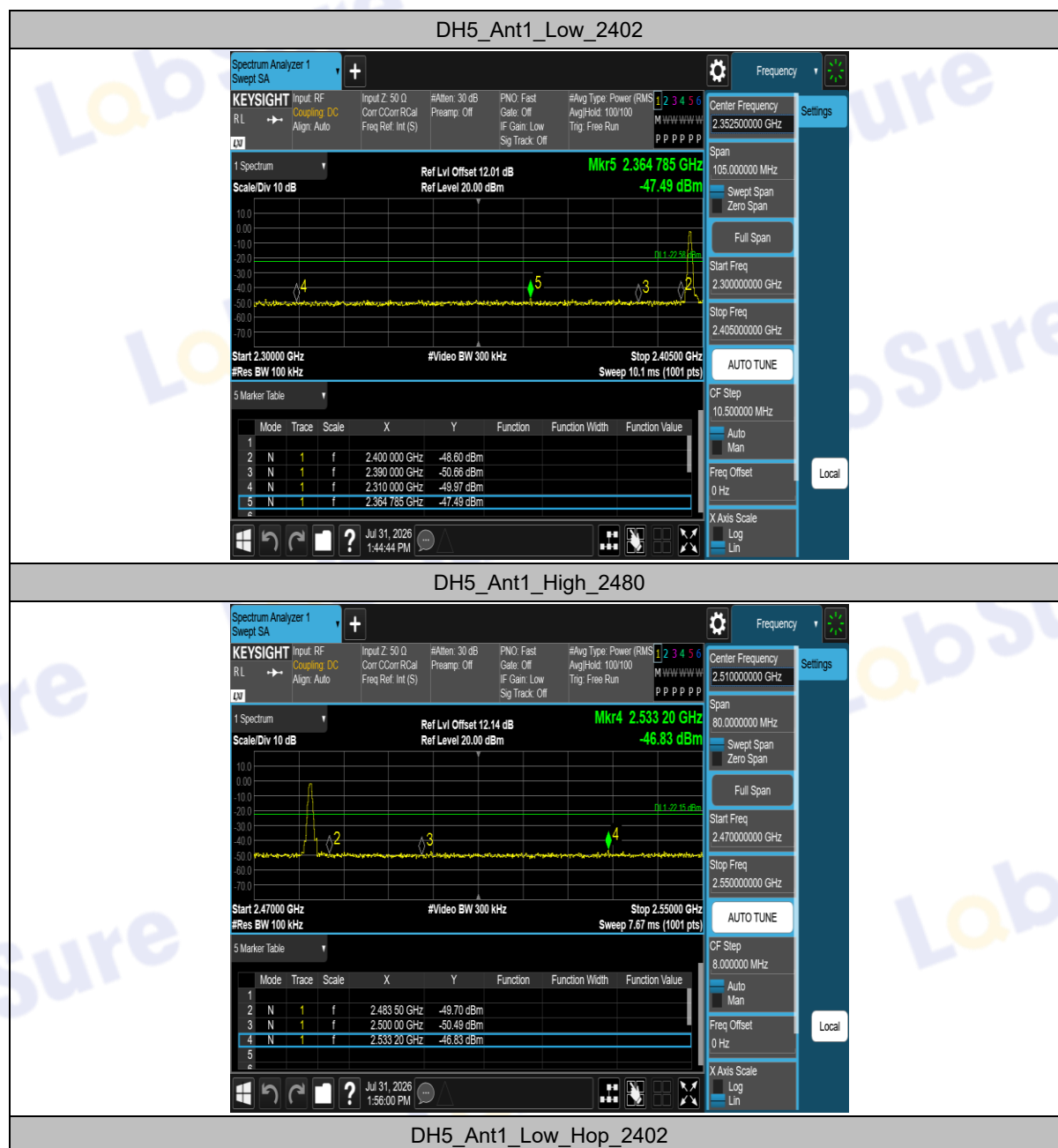


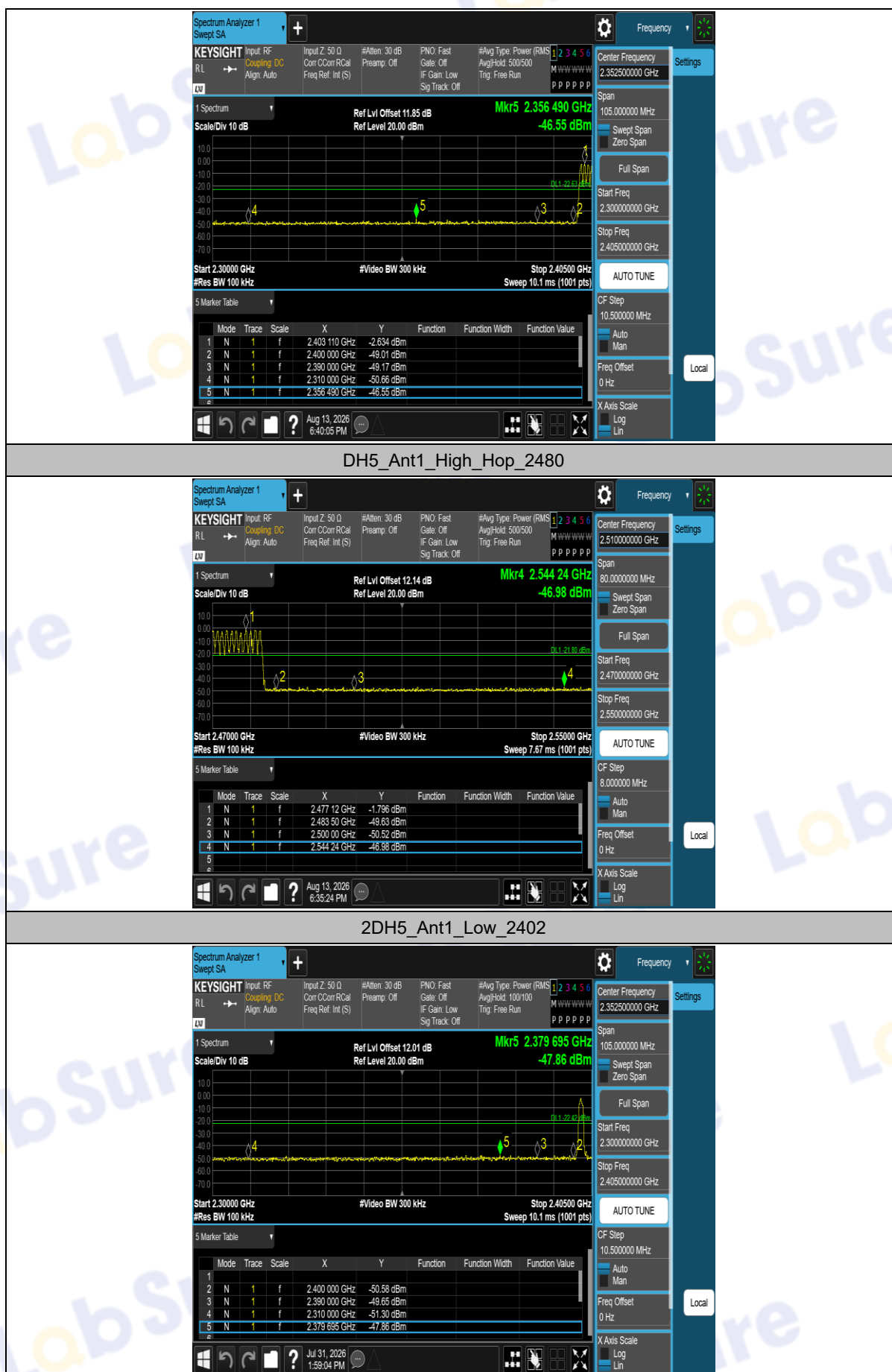
Appendix A.8: Band Edge Measurements

Test Result - Authorized-band band-edge

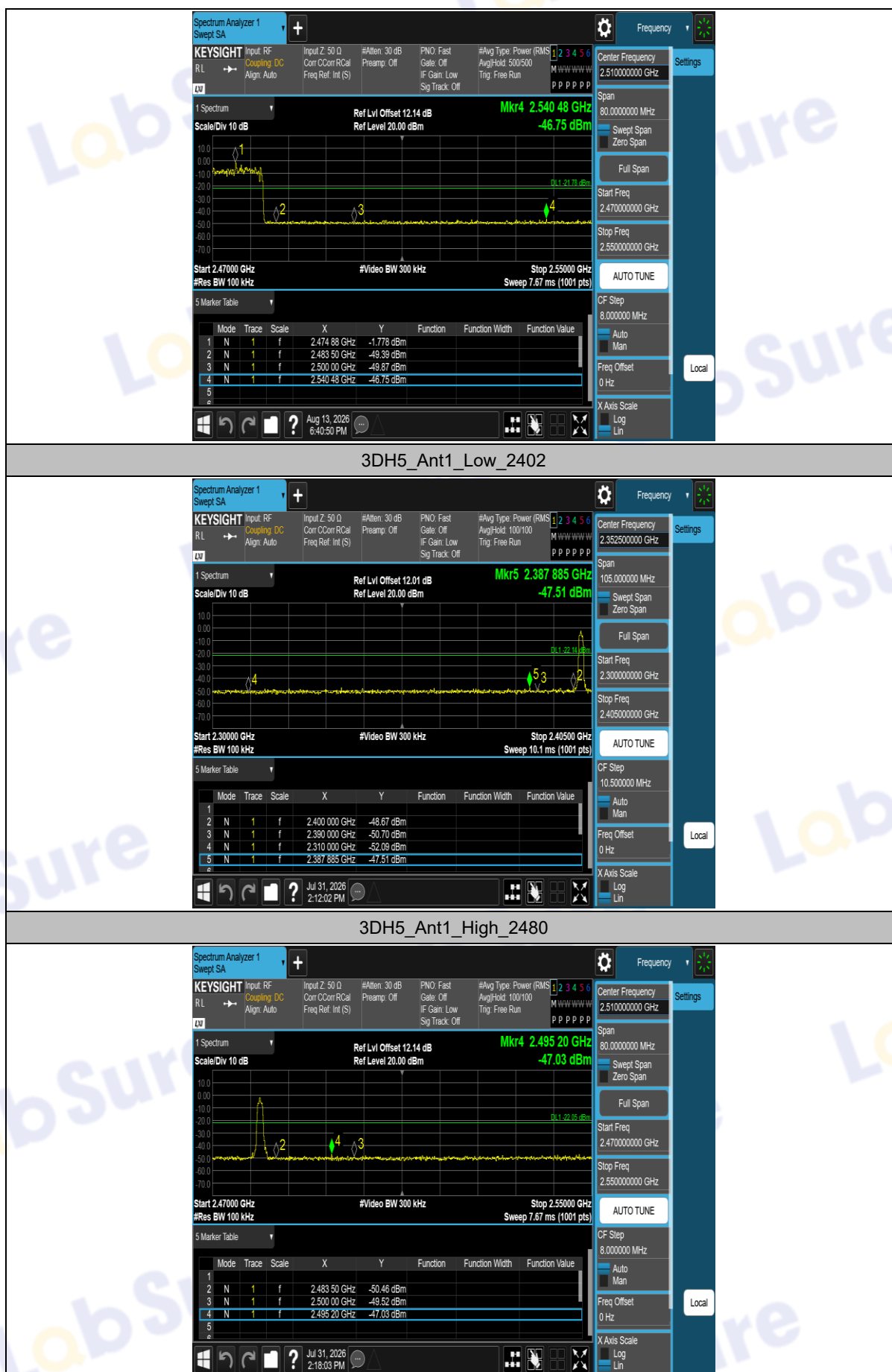
Test Mode	Antenna	ChName	Freq (MHz)	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	-2.58	-47.49	≤ -22.58	PASS
		High	2480	-2.15	-46.83	≤ -22.15	PASS
		Low	Hop_2402	-2.63	-46.55	≤ -22.63	PASS
		High	Hop_2480	-1.80	-46.98	≤ -21.8	PASS
2DH5	Ant1	Low	2402	-2.42	-47.86	≤ -22.42	PASS
		High	2480	-1.59	-47.09	≤ -21.59	PASS
		Low	Hop_2402	-2.44	-46.68	≤ -22.44	PASS
		High	Hop_2480	-1.78	-46.75	≤ -21.78	PASS
3DH5	Ant1	Low	2402	-2.14	-47.51	≤ -22.14	PASS
		High	2480	-2.05	-47.03	≤ -22.05	PASS
		Low	Hop_2402	-4.33	-47.11	≤ -24.33	PASS
		High	Hop_2480	-1.68	-47	≤ -21.68	PASS

Test Graphs - Authorized-band band-edge









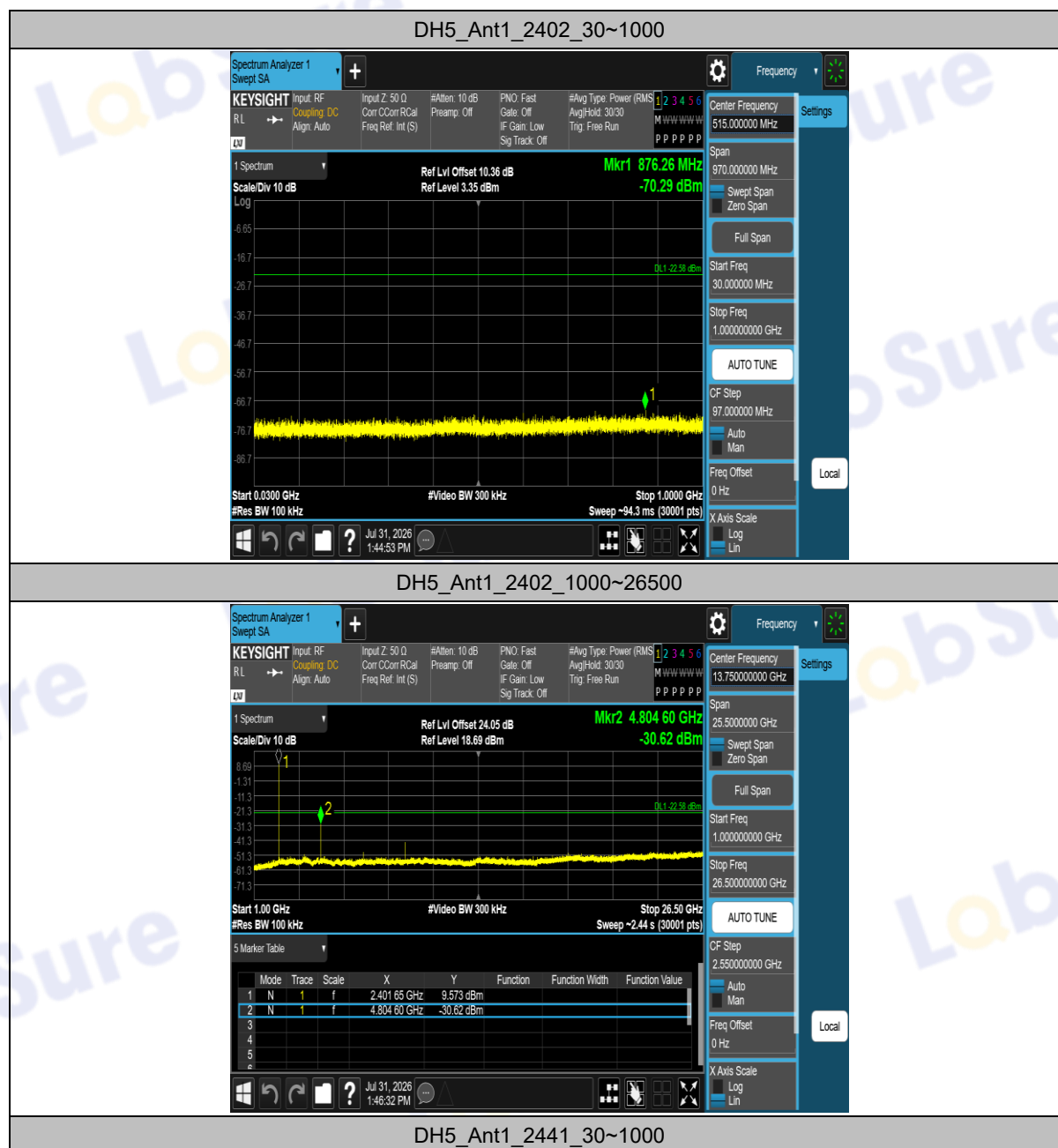


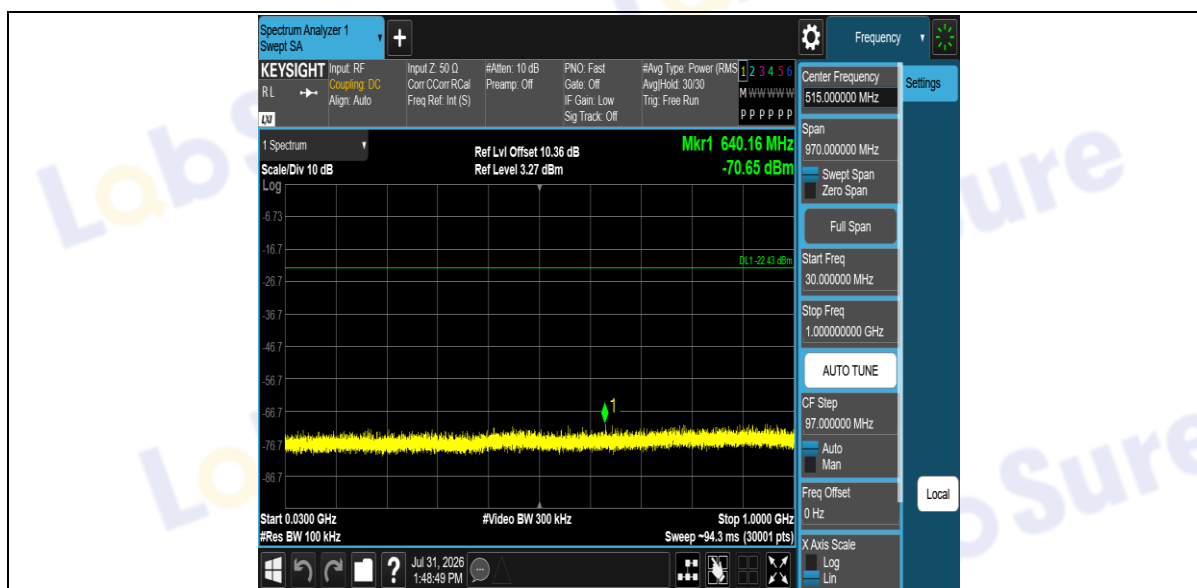
Appendix A.9: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Freq (MHz)	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	30~1000	-2.58	-70.29	≤ -22.58	PASS
			1000~26500	-2.58	-30.62	≤ -22.58	PASS
		2441	30~1000	-2.43	-70.65	≤ -22.43	PASS
			1000~26500	-2.43	-30.98	≤ -22.43	PASS
		2480	30~1000	-2.15	-70.85	≤ -22.15	PASS
			1000~26500	-2.15	-30.64	≤ -22.15	PASS
2DH5	Ant1	2402	30~1000	-2.42	-71.2	≤ -22.42	PASS
			1000~26500	-2.42	-35.72	≤ -22.42	PASS
		2441	30~1000	-1.99	-70.69	≤ -21.99	PASS
			1000~26500	-1.99	-34.31	≤ -21.99	PASS
		2480	30~1000	-1.59	-70.71	≤ -21.59	PASS
			1000~26500	-1.59	-29.19	≤ -21.59	PASS
3DH5	Ant1	2402	30~1000	-2.14	-69.51	≤ -22.14	PASS
			1000~26500	-2.14	-32	≤ -22.14	PASS
		2441	30~1000	-2.16	-70.34	≤ -22.16	PASS
			1000~26500	-2.16	-34.17	≤ -22.16	PASS
		2480	30~1000	-2.05	-70.95	≤ -22.05	PASS
			1000~26500	-2.05	-33.54	≤ -22.05	PASS

Test Graphs

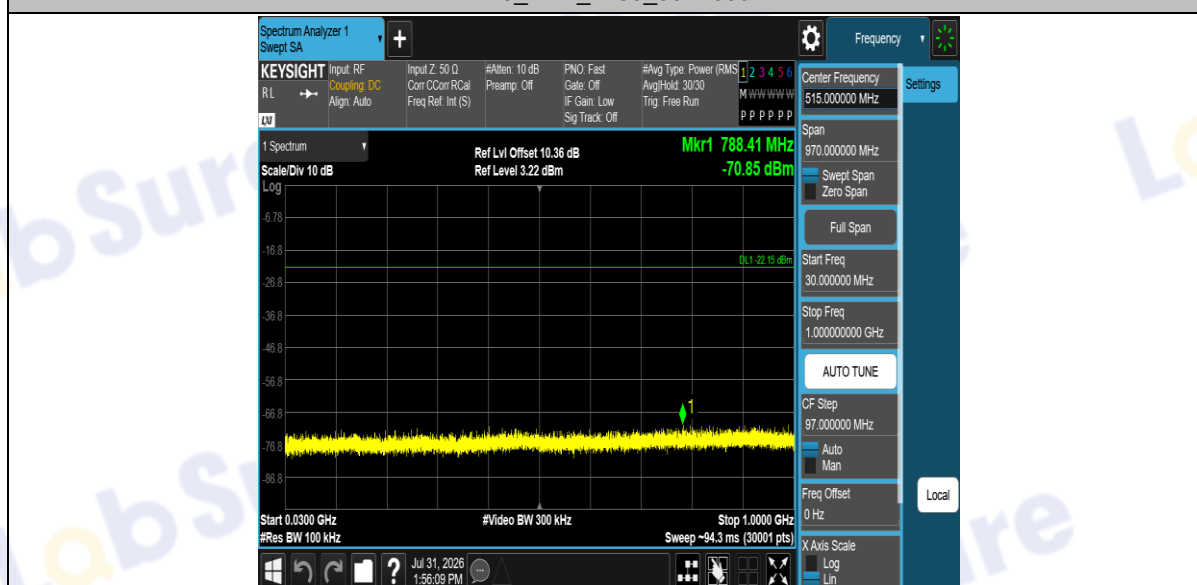




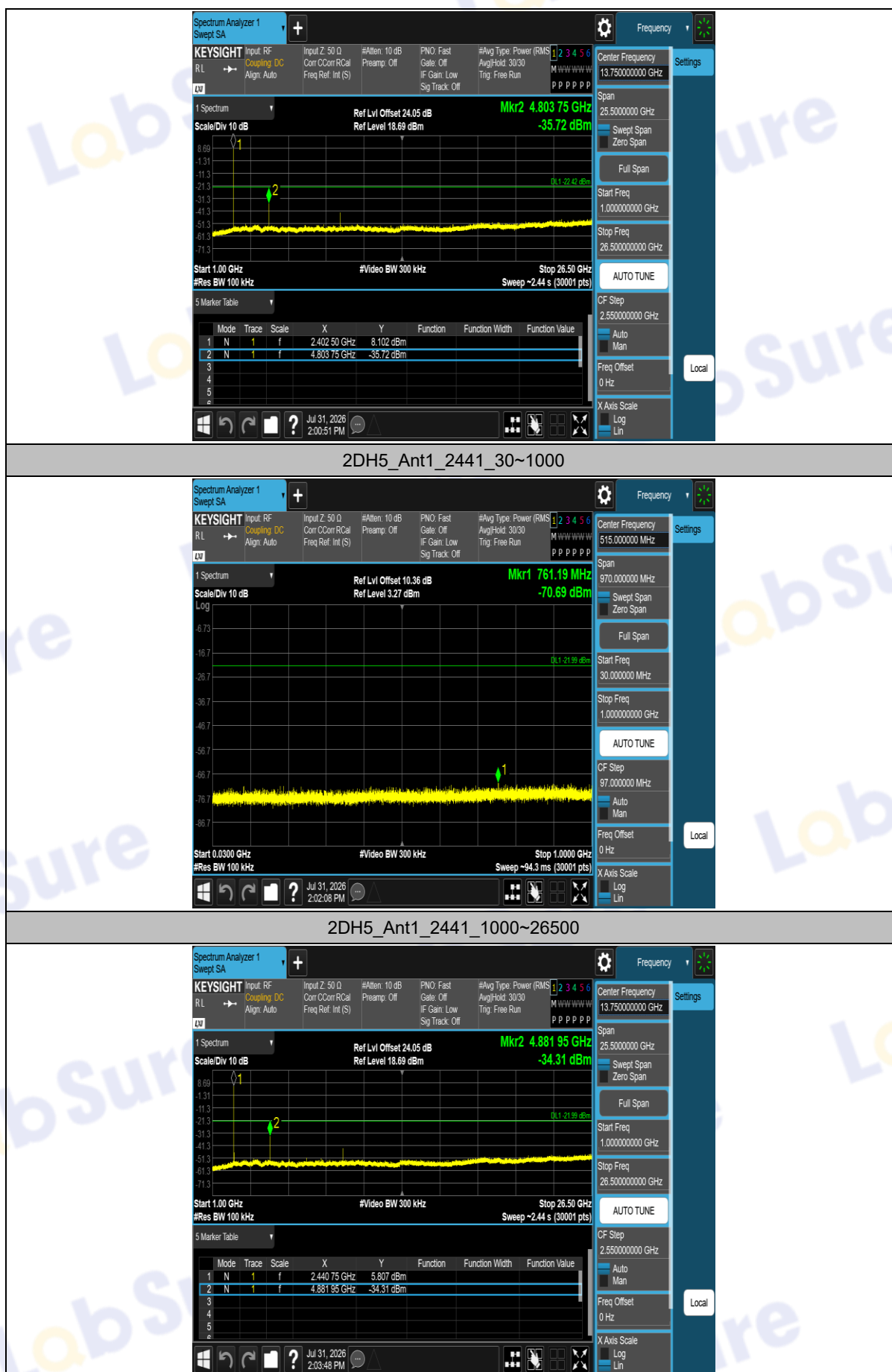
DH5_Ant1_2441_1000~26500

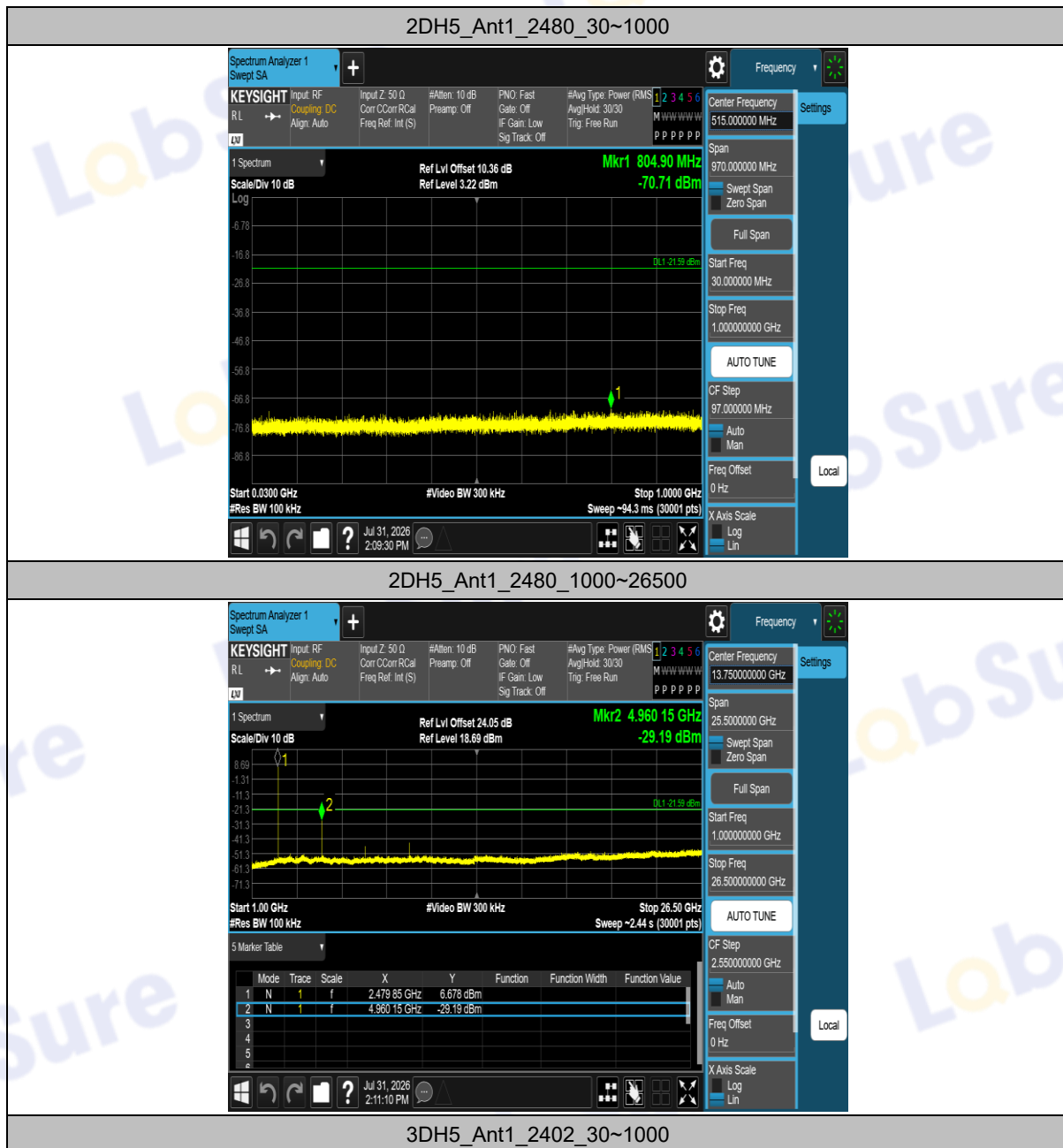


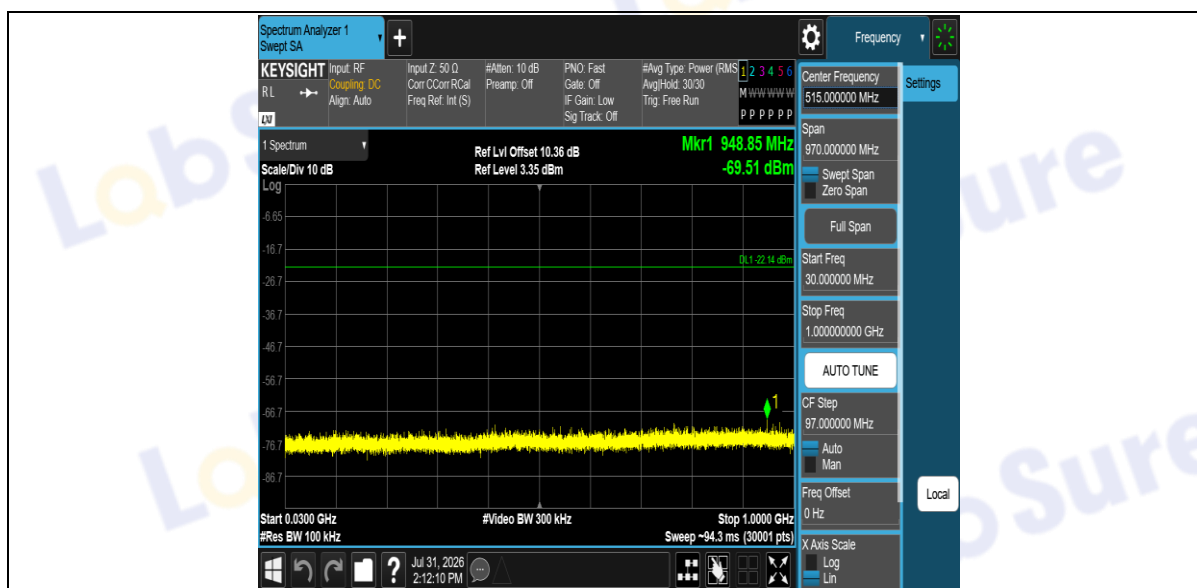
DH5_Ant1_2480_30~1000









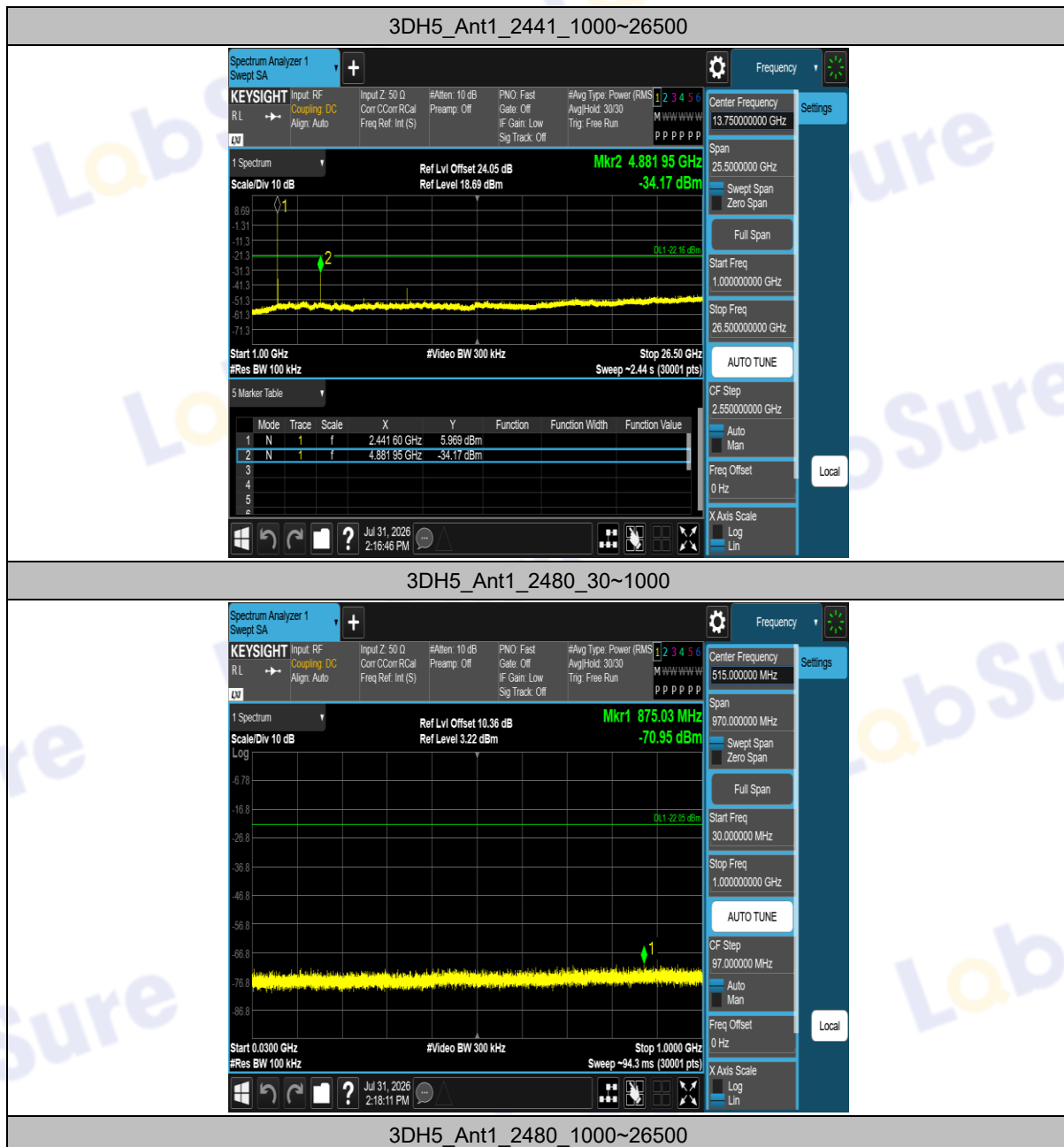


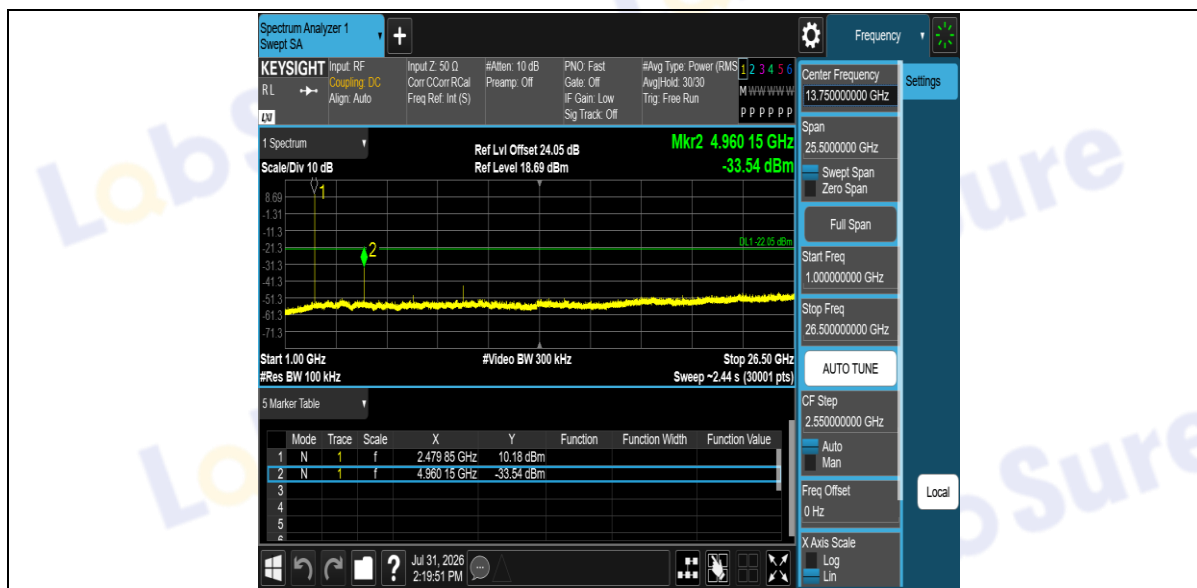
3DH5_Ant1_2402_1000~26500



3DH5_Ant1_2441_30~1000







Appendix A.10: Duty Cycle

Test Result

Test Mode	Antenna	Freq (MHz)	ON Time [ms]	Period [ms]	DC [%]	xFactor	Limit	Verdict
DH5	Ant1	2402	2.88	3.76	76.60	1.16	---	---
		2441	2.88	3.74	77.01	1.13	---	---
		2480	2.88	3.74	77.01	1.13	---	---
2DH5	Ant1	2402	2.88	3.74	77.01	1.13	---	---
		2441	2.88	3.74	77.01	1.13	---	---
		2480	2.88	3.74	77.01	1.13	---	---
3DH5	Ant1	2402	2.90	3.76	77.13	1.13	---	---
		2441	2.90	3.76	77.13	1.13	---	---
		2480	2.88	3.74	77.01	1.13	---	---

DH5_Ant1_2402

Keysight Spectrum Analyzer 1
Sweep SA

Input: RF
Coupling: DC
Align: Auto

Input Z: 50 Ω
Corr: CCorr RCal
Freq Ref: Int (S)

#Atten: 20 dB
Preamp: Off

PNO: Fast
Gate: Off
IF Gain: Low
Sig Track: Off

#Avg Type: Power (RMS)
Trig: Video
Trig Delay: -2.000 ms

Center Frequency: 2.402000000 GHz
Span: 0.00000000 Hz
Start Freq: 2.402000000 GHz
Stop Freq: 2.402000000 GHz
AUTO TUNE

Ref Lvl Offset 12.01 dB
Ref Level 15.00 dBm
 Δ Mkr3 3.760 ms
0.06 dB

Scale/Div 10 dB
Center 2.402000000 GHz
#Video BW 8.0 MHz
Span 0 Hz
Sweep 20.0 ms (1001 pts)

5 Marker Table

Mode	Trace	Scale	X	Y	Function	Function Width	Function Value
1	N	1	t	5.700 ms	-2.085 dBm		
2	Δ 1	1	t	(Δ)	2.880 ms (Δ)	0.1206 dB	
3	Δ 1	1	t	(Δ)	3.760 ms (Δ)	0.06173 dB	
4							
5							

DH5_Ant1_2441

Keysight Spectrum Analyzer 1
Sweep SA

Input: RF
Coupling: DC
Align: Auto

Input Z: 50 Ω
Corr: CCorr RCal
Freq Ref: Int (S)

#Atten: 20 dB
Preamp: Off

PNO: Fast
Gate: Off
IF Gain: Low
Sig Track: Off

#Avg Type: Power (RMS)
Trig: Video
Trig Delay: -2.000 ms

Center Frequency: 2.441000000 GHz
Span: 0.00000000 Hz
Start Freq: 2.441000000 GHz
Stop Freq: 2.441000000 GHz
AUTO TUNE

Ref Lvl Offset 12.09 dB
Ref Level 15.00 dBm
 Δ Mkr3 3.740 ms
-0.08 dB

Scale/Div 10 dB
Center 2.441000000 GHz
#Video BW 8.0 MHz
Span 0 Hz
Sweep 20.0 ms (1001 pts)

5 Marker Table

Mode	Trace	Scale	X	Y	Function	Function Width	Function Value
1	N	1	t	9.460 ms	-1.730 dBm		
2	Δ 1	1	t	(Δ)	2.880 ms (Δ)	0.07349 dB	
3	Δ 1	1	t	(Δ)	3.740 ms (Δ)	0.08231 dB	
4							
5							

DH5_Ant1_2480

